



# The Islamia University of Bahawalpur

## TENDER NOTICE

Sealed Tenders on item wise rate basis are invited from the Manufacturing Firms or their Authorized Distributors, Dealers and General order Suppliers having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Lab Equipment's & Instruments & Permanent Items & Chemicals for Soil Sciences & Entomology & Veterinary College**, The Islamia University of Bahawalpur on FOR basis.

| Tender No. | Category<br>(Quantity and specifications are available in the tender document)        | Estimated Cost | 5% Bid Security |
|------------|---|----------------|-----------------|
| A          | Purchase of Lab Equipment's for the Department of Entomology                          | Rs.400,000 /-  | Rs.20,000/-     |
| B          | Purchase of Equipment and Instruments for the Department of Parasitology (Veterinary) | Rs.1,700,000/- | Rs.85,000/-     |
| C          | Purchase of Laboratory Items For Department of Soil Science (PARB Project)            | Rs.2000,000/-  | Rs.100,000/-    |
| D          | Purchase of Chemicals Department of Pharmacy  | Rs.1,450,000/- | Rs.72,500/-     |

- Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Account Department Abbasia Campus (Old), the Islamia University of Bahawalpur during office hours on submission of written application on letter head and a copy of CNIC or can be down loaded from the IUB website [www.iub.edu.pk](http://www.iub.edu.pk) OR PPRA website [www.ppra.punjab.gov.pk](http://www.ppra.punjab.gov.pk) on payment of (non-refundable fee) of Rs. 1000/ (Separately for each category) through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer, The Islamia University of Bahawalpur . Original receipt should be attached with Technical bid.
- 5% Bank Guarantee** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of CDR / Bank Guarantee shall be attached with the bid, otherwise bid will be rejected.
- The rates should be quoted on FOR basis.
- Single Stage – Two Envelopes** bidding procedure will be adopted as per PPRA Rules 38- 2(a). The Envelopes shall be marked as “**TECHNICAL PROPOSAL**” AND “**FINANCIAL PROPOSAL**” in legible letters. Financial Proposal of bids found technically non-responsive shall be returned un-opened.
- Procurement shall be governed under the Punjab Procurement Rules, 2014.
- The rates should be quoted inclusive of all taxes. Copy of paid bank challan of professional tax and copy of the bid security shall be attached with the technical proposal.
- The Islamia University of Bahawalpur however, reserves the rights to reject all bids at any time prior to acceptance of a bid as per clause 35 of the Punjab Procurement Rules and grounds of rejection will be conveyed to the bidders upon their request.
- Tender should reach in the Office of the Secretary SMPC Accounts Division Old Campus, The Islamia University of Bahawalpur upto **27.01.2022** by **10:30 AM**. Tenders will be opened on the same day at **11:00 AM** in the presence of bidders or their representatives. In the office of Chairman Purchase Committee, Pharmacy department Khawaja Fareed Campus.
- Any bid submitted after the given time schedule shall not be accepted.
- All taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid upto 120-days from the date of opening of the tender.
- In case of closed/forced holidays, tender opening time/date will be considered as the next working day.

**IPB-10**



**Chairman SMPC**  
**The Islamia University of Bahawalpur**  
**Baghdad-ul-Jadeed Campus, Bahawalpur.**  
**Phone: 062-9255565**

**Daily Nawa-i-Waqt (Multan)**  
**Daily Express Tribune (Lahore)**



# The Islamia University of Bahawalpur

## PROCUREMENT OF LAB EQUIPMENT FOR ENTOMOLOGY DEPARTMENT TENDER-A FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6. CDR No. & Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

| Sr | Name of Items  | Quantity | Rate per item inclusive |
|----|--|----------|-------------------------|
| 01 | <p><b>Hand micro-applicator</b></p> <ul style="list-style-type: none"> <li>• Product Description<br/>Five different drop sizes may be selected by sliding a single selector control knob. Depressing the control knob permits free rotation of the main drum. Drop sizes range from 0.25 microlitres when fitted with all-glass syringes.</li> <li>• Construction and Equipment Details<br/>The Applicator is constructed from non-ferrous materials with all components either hard anodized or electro-plated in satin chrome finish. Drop sizes normally available are 0.25, 0.5, 1, 2 and 5 microlitres and selection is quick and simple.<br/>Ten times the volumes shown can be obtained by the use of 10 ml all glass syringes</li> </ul> <p>Hand microapplicator<br/>The BURKARD all-glass syringe is clamped or released by turning a single knurled screw and the 10 ml syringes are supplied complete with adapter for mounting direct into the cover tube. The mounting of the applicator enables it to be clamped in any position during use. The following equipment is supplied as standard:<br/>One BURKARD all-glass syringe.<br/>Two hypodermic needles.<br/>Extra equipment: 10 ml all-glass syringe complete with stainless steel mounting sleeve.</p> | 01       |                         |

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal on firm's letter head duly signed & stamped by owner of firm or its authorized representative and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. On firms letter head duly signed & stamped Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

### Terms & Conditions

1. All material supplied must be brand new strictly conforming to the given specifications. Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No. 0333-7095933

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

### Attachments:

Earnest Money draft (Yes/No)  
Affidavit for non-black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF EQUIPMENT AND INSTRUMENTS FOR PARRASITOLOGY TENDER-B FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6.CDR No.& Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

| Sr | Name of Items  | Quantity | Rate per item inclusive |
|----|--|----------|-------------------------|
| 01 | <b>Liquid Nitrogen Container:</b><br><b>Capacity=</b> 10.5 L.<br><b>Material:</b> Aluminum Alloy.<br><b>Empty Weight=</b> 7 kg.<br><b>Full Weight=</b> 15.08 kg.<br><b>Mouth Diameter (mm):</b> 50(1.97 inch).<br><b>Outer Diameter:</b> 304 mm (11.97 inch).<br><b>Vessel Height:</b> 550 mm (21.65 inch).<br><b>Static Evaporation Loss Mass=</b> 0.106 L/d.<br><b>Static Holding Time</b> ≥ 105 d.<br><b>Number of canister:</b> 6 pcs.<br><b>Minimum Diameter of each canister:</b> 12cm (4.7 Inch).<br><b>Minimum Height of each canister:</b> 27.5cm (10.83 inch).   | 01       |                         |
| 02 | <b>Ice boxes for PCR and Eppendrof tubes packs of 2:</b><br>For cooling heat-sensitive samples on the lab bench.<br>Suitable for 0.2 ml PCR vessels and 1.5/2ml Eppendrof tubes, <b>Pack 1</b> for 0.2 ml PCR tubes. No. of slots 96 in case of pack 1. Arrangement of slots 8 x 12 for PCR tubes. <b>Pack 2</b> for 1.5 or 2 ml Eppendrof tubes. No of slots 48 in case of pack 2. Arrangement of slots 4 x 12 for 1.5 or 2 ml Eppendrof tubes. <b>Rack color changes</b> from approx. 7 °C. <b>Recommended storage temperature:</b> -20 °C. Slot Ø 6 mm. <b>Temperature constancy</b> 4-7 °C (3 h). <b>Length</b> 141 mm. <b>Width</b> 99 mm. <b>Height</b> 44 mm.   | 02       |                         |
| 03 | <b>Single channel pipettes:</b><br>Fully autoclavable. (121°C for 20 minutes), Enhanced UV resistance, Hyper blower system, Longer second-push stroke, improves Dispensing efficiency. (2ul, 10ul).<br><b>01:</b><br>Volume Range = 0.5 to 10µl<br>Accuracy % = ±4.0 to 0.5<br>Coeff. Variation % = ±2.8 to 0.4<br><b>02:</b><br>Volume Range = 10 to 100µl<br>Accuracy % = ±1.6 to 0.8<br>Coeff. Variation % = ±0.8 to 0.2<br><b>03:</b><br>Volume Range = 20 to 200µl<br>Accuracy % = ±1.2 to 0.6<br>Coeff. Variation % = ±0.6 to 0.2<br><b>04:</b><br>Volume Range = 100 to 1000µl<br>Accuracy % = ±1.6 to 0.6<br>Coeff. Variation % = ±0.4 to 0.15<br><b>05:</b><br>Volume Range = 1 to 5ml<br>Accuracy % = ±0.6 to 0.5<br>Coeff. Variation % = ±0.25 to 0.15                              | 05       |                         |
| 04 | <b>Mini Centrifuge Machine:</b><br><b>Frequency:</b> 50/60 Hz<br><b>Voltage</b> 110 to 240V<br><b>Capacity:</b> 6x2mL<br><b>Max. Speed:</b> 6,000 rpm /RCF 2,000 x g<br><b>Noise Level:</b> ≤45dB<br><b>Temperature Range:</b> Ambient temperature<br><b>Dimensions (HWD):</b> 4.1 x 5.0 x 6.0 in. (10.4 x 12.8 x 15.3 cm). <b>Net Weight:</b> 1.6 lb. (0.74 kg)<br><br><b>Certifications/Compliance:</b> CSA, CE, UL<br><b>Includes:</b><br>6 x 1 .5/2.0mL tube rotor, 16 x 0.2mL tube rotor, (singles strip), 6 tube adapters 0.2mL, 6 tube adapters 0.5mL, Storage case for rotors and adapters, Tube rack, <b>universal power adapter</b> , 110-240V, 50/60 Hz, with 4 interchangeable plug type, <b>Electrical Requirements:</b> 110-240 V, 50/60 Hz with 4 interchangeable plug adapters | 01       |                         |

|    |   |    |  |
|----|---|----|--|
| 05 | <p><b>Handheld Homogenizer:</b><br/> <b>Specifications:</b> For General homogenization applications (dispersion and emulsification). Homogenizing of tumour tissue sample, for research of diverse tissue diseases. Fast dissolving of pills, sugar-coated tablets for quality control purposes. Sample preparation for subsequent extraction of pharmaceutical agents. Cell disruption, RNA / DNA isolation from tissue. Dispersion of small quantities from plants, animals or human tissue. Solving of solid materials.<br/> Autoclavable 316 L stainless steel <b>shafts</b>.<br/> <b>Speed Range:</b> 8000-30000rpm<br/> <b>Speed Control Dial knob:</b> 6 stages<br/> <b>Max. Viscosity:</b> 5,000mPas<br/> <b>Working head @Smm/L9Qmm(0.1-50mL) A10mm/ L150mm (1-250mL).</b></p>   | 01 |  |
| 06 | <p><b>Elisa Reader</b><br/> <b>Detector Type:</b> Photo detector, <b>Light Source:</b> Quartz-halogen lamp, <b>Reading Options:</b> 96 Well Plate; 384 Well Plate, <b>Read-out Range:</b> 0 to 6Abs, <b>Software Type:</b> SkanIt Software, <b>Plate Type:</b> 96-well plates, <b>Wavelength Selection:</b> Filters, <b>Wavelength Range:</b> 340 to 850nm<br/> <b>Filters:</b> 8-position filter wheel; <b>filters installed:</b> 405nm, 450nm, and 620nm, <b>Linearity:</b> 0-3 Abs, x2o/o at 405nm, 96-well plate, <b>Resolution:</b> 0.001 Abs, <b>Accuracy:</b> ± 1%(0-3 Abs) or t 0.003 Abs, whichever is greater at 405nm, <b>Precision:</b> CV s 0.2o/o (0.3-3 Abs) at 405nm<br/> <b>Incubator Temperature:</b> Up to 50°C Shaking Linear<br/> <b>Depth (Metric):</b> 40cm, <b>Depth (English):</b> 15.7 in.<br/> <b>Measurement Speed:</b> 7 seconds, 96-well plate, fast mode; 13 seconds, 96-well plate, normal mode<br/> <b>Interface:</b> User: On-board or PC control</p> | 01 |  |
| 07 | <p><b>Binocular Stereo Microscope</b><br/> Stereomicroscope binocular heads 360° rotating and 45° inclined, eye piece (10x), interpupillary distance 55-75 mm, diopter adjustment, <b>Eyepiece</b> WF10x/20 mm, <b>Objective:</b> Turret objective (2x and 4x), <b>Magnification:</b> 20x and 40x, <b>working distance:</b> 57 mm, <b>Base Illumination</b> operated on 220 Volts, with incident and transmitted LED light, With LED light intensity adjustment. Complete with all standard accessories.</p>  | 03 |  |
| 08 | <p><b>Trans-Blot SD Semi-Dry Electrophoretic Transfer Cell</b><br/> <b>Specifications:</b> Trans-Blot SD body Molded polycarbonate, <b>anode plate electrodes:</b> Platinum-coated titanium and stainless-steel <b>cathode plate electrodes,</b> Anode platform Precision machined acrylic. <b>Dimensions (W x L x H),</b> cm. 37 x 24 x 11. <b>Weight,</b> kg/lb. 3.6/7.9.<br/> <b>Gel size (W x L),</b> cm. 24 x 16. <b>Buffer requirement,</b> ml. 200. <b>Gel capacity:</b> 4 Mini-PROTEAN® precast or handcast gels, 3 Criterion™ gels, 1–3 PROTEAN® II gel sandwiches.<br/> <b>Includes:</b> Power supply. PowerPac™ HC (High Current) 165-4761 Model 200/2.0 Constant Voltage Power Supply, 100/120 V, 50/60 Hz</p>  | 01 |  |
| 09 | <p><b>Hettich Angle rotor 30-place for Benchtop centrifuge</b><br/> <b>Specifications:</b> Angle rotor 30-place to fit in Benchtop centrifuge <b>ROTINA 380 R,</b> Angle rotor for 30 x 0.4 - 2.0 ml tubes, <b>Angle:</b> 45°, <b>RPM max.:</b> 15,000 min<sup>-1</sup>, <b>RCF max.:</b> 24,400<br/> <b>Includes:</b> UPS Homage 2000 watt</p>   | 01 |  |

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6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0318-6619682

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

### Attachments:

Earnest Money draft (Yes/No)  
Affidavit for non-black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF LABORATORY ITEMS FOR SOIL SCIENCE TENDER-C FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6. CDR No. & Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

| Sr | Name of Items  | Quantity | Rate per item inclusive |
|----|--|----------|-------------------------|
| 01 | <b>Autoclave and Accessories for tendering</b><br>Digital microprocessor controlled with operation modes: Solid mode: Heating-Sterilizing-Exhausting and air cooling. Cooling fan. Capacity: 85Liters or more. Chamber material: SUS304. Rated power supply: 220V/50Hz. Sterilization temperature: 105—138°C. Range of sterilization time: 1—300minutes. Exhausting mode: Fully automatic internal discharging. Embedded with a steam trapping bottle Way of opening lid: Flip type. Preset range of timer: 0 minute-6 days delayed. Preset range of timer: 0-0.6MPa. Rated working pressure: 0.27 MPa. Preset temperature of presettable chamber lid opening: Preset range of steam 73—104°C. exhausting temperature: Preset range of cooling 40-99°C for solid and agar modes and 40-80°C for liquid and waste lock OPEN temperature: modes <b>Accessories:</b> drainage hose, water plate, exhaust bottle, Two stainless steel baskets Controller: fast-speed microcomputer intelligent control system Safety device: "eight-column evenly distributed" inter locking device, electric double inner locks, over pressure protection, safety valve, over temperature protection, over current and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting. <b>Water distillation</b> with 4L/hr Capacity or more, Water pH: 5.0 – 6.5, Conductivity $\mu\text{S}/\text{cm}$ : <2.5, Resistivity mega ohm-cm: 0.4, Two silica Heater unit with Wattage 1.5kw each, 13 amps. Fuse, 220/240 VAC, 50/60 Hz., Minimum supply pressure: 5 Psi. <b>Laptop:</b> Processor: Core i7 11th generation, Storage: 512GB SSD, Ram: 16GB DDR4 Display: 15.6" FHD 400nits, Integrated HD 720p webcam with dual-microphone array, Wireless: WIFI & Bluetooth, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 1.4b; 1 headphone/microphone combo; 1 AC power; 1 RJ-45 including accessories & bag ENERGY STAR Qualified Configuration, Dual stereo speakers, dual array microphone, Metallic surface and finish, warranty 1 year. <b>Pipettes set:</b> 0.1-2ul, 0.5-10ul, 10-100ul, 100-1000ul, 500-5000ul. | 01       |                         |

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### Terms & Conditions

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0321-6814625

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

#### Attachments:

Earnest Money draft (Yes/No)  
 Affidavit for non-black listing (Yes/No)  
 Bid Validity (Yes/No)  
 Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF CHEMICALS FOR PHARMACY DEPARTMENT TENDER-D FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challan No. & amount \_\_\_\_\_ 6. CDR No. & Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

| Sr.# | Name of Items                     | Required Qty | Rate per item with all taxes |
|------|-----------------------------------|--------------|------------------------------|
| 1.   | Acetone                           | 10 Ltr       |                              |
| 2.   | Aspirin                           | 3kg          |                              |
| 3.   | Anthrone                          | 50gm         |                              |
| 4.   | Aniline                           | 2.5Ltr       |                              |
| 5.   | Aceto phenone                     | 5Ltr         |                              |
| 6.   | Acetyl Chloride                   | 2.5Ltr       |                              |
| 7.   | Benzyl                            | 1Kg          |                              |
| 8.   | Benzyl Chloride                   | 2.5Ltr       |                              |
| 9.   | Citric Acid                       | 2Kg          |                              |
| 10.  | Chloroform A.R Grade              | 10Ltr        |                              |
| 11.  | Dichloromethane A.R               | 10Ltr        |                              |
| 12.  | Di-ethylamine                     | 2.5Ltr       |                              |
| 13.  | Di-methylallene                   | 2.5Ltr       |                              |
| 14.  | Ether                             | 2.5Ltr       |                              |
| 15.  | Iodine                            | 1500gm       |                              |
| 16.  | Isoamyl Alcohol                   | 1Ltr         |                              |
| 17.  | Orcinol                           | 50g          |                              |
| 18.  | Pot. Iodide                       | 1kg          |                              |
| 19.  | Paraffin Oil                      | 12.5Ltr      |                              |
| 20.  | Pyridine                          | 2.5Ltr       |                              |
| 21.  | Sod. Sulfite                      | 1Kg          |                              |
| 22.  | Vanillin                          | 1Kg          |                              |
| 23.  | Hydrochloric Acid                 | 10Ltr        |                              |
| 24.  | Sulphuric Acid                    | 15Ltr        |                              |
| 25.  | Acetic Acid                       | 10Ltr        |                              |
| 26.  | Nitric Acid                       | 10Ltr        |                              |
| 27.  | Salicylaldehyde                   | 5Ltr         |                              |
| 28.  | Cinnamaldehyde                    | 5Ltr         |                              |
| 29.  | Benzaldehyde                      | 5Ltr         |                              |
| 30.  | Benzophenone                      | 5Ltr         |                              |
| 31.  | Formaline                         | 10Ltr        |                              |
| 32.  | Benzoin                           | 5Ltr         |                              |
| 33.  | Cyclo hexanone                    | 10Ltr        |                              |
| 34.  | Atropine Sulphate                 | 50g          |                              |
| 35.  | Acetyl Salicylic Acid             | 1Kg          |                              |
| 36.  | Ammonium Chloride                 | 2Kg          |                              |
| 37.  | Bees Wax (Yellow)                 | 2Kg          |                              |
| 38.  | Borax Powder (Sodium Tatraborate) | 1Kg          |                              |
| 39.  | Calcium Carbonate                 | 2Kg          |                              |
| 40.  | Cetyl Alcohol                     | 2Kg          |                              |
| 41.  | Dextrose                          | 1Kg          |                              |
| 42.  | Gum Tragacanth                    | 1Kg          |                              |
| 43.  | Heavy kaolin                      | 1Kg          |                              |
| 44.  | Iron Sulphate                     | 1Kg          |                              |
| 45.  | Magnesium Carbonate               | 2Kg          |                              |
| 46.  | Magnesium Tri silicate            | 1Kg          |                              |
| 47.  | Naphthalene                       | 1Kg          |                              |
| 48.  | Potassium Iodide                  | 1Kg          |                              |
| 49.  | Potassium Nitrate                 | 1Kg          |                              |
| 50.  | Starch                            | 1Kg          |                              |
| 51.  | Salicylic Acid                    | 1Kg          |                              |
| 52.  | Tartaric Acid                     | 1Kg          |                              |
| 53.  | Tannic Acid                       | 1Kg          |                              |
| 54.  | Lemon Oil                         | 1Ltr         |                              |
| 55.  | Peppermint oil                    | 1 Ltr        |                              |
| 56.  | Olive Pomace Oil                  | 1Ltr         |                              |
| 57.  | N-Butanol                         | 20/Ltr       |                              |
| 58.  | Eucalyptus Oil                    | 1Ltr         |                              |
| 59.  | Wool Alcohol                      | 1Ltr         |                              |

|      |  |                 |  |
|------|--|-----------------|--|
| 60.  | Turpentine Oil   | 2.5Ltr          |  |
| 61.  | Glycerin (A.R)   | 10Ltr           |  |
| 62.  | Petroleum Jelly  | 20Kg            |  |
| 63.  | Sugar  | 50Kg            |  |
| 64.  | Tween-80   | 500ml           |  |
| 65.  | Tween-60   | 500ml           |  |
| 66.  | Tween-40   | 500ml           |  |
| 67.  | Span-80  | 500ml           |  |
| 68.  | Span-60  | 500ml           |  |
| 69.  | Span-40  | 500ml           |  |
| 70.  | Stearic Acid   | 1Kg             |  |
| 71.  | Triple Pressed   | 1Kg             |  |
| 72.  | Cetyl Alcohol  | 2.5Kg           |  |
| 73.  | Amaranth Color (Red)                                       | 500g            |  |
| 74.  | Methyl Cellulose   | 2 Kg            |  |
| 75.  | Oxalic Acid  | 2 kg            |  |
| 76.  | Opadry Blue  | 500g            |  |
| 77.  | Opadry Red   | 500g            |  |
| 78.  | Ferric Nitrate   | 2 kg            |  |
| 79.  | Poly vinly Alcohol   | 2 kg            |  |
| 80.  | Sorbital (80)  | 2 kg            |  |
| 81.  | Zinc Oxide   | 3 kg            |  |
| 82.  | Loctose  | 10 kg           |  |
| 83.  | Talc Powder  | 5 kg            |  |
| 84.  | Calcium lactate  | 5 kg            |  |
| 85.  | Ammonia Solution   | 5 Ltr           |  |
| 86.  | Carbon Tetrachloride                                       | 5 Ltr           |  |
| 87.  | Castor oil   | 1 Ltr           |  |
| 88.  | Raspberry oil  | 1 Ltr           |  |
| 89.  | Small Plastic Jarr (100ml)                                 | 1000 no         |  |
| 90.  | Syrup Plastic Bottles (60ml)                               | 1000 no         |  |
| 91.  | Aluminum Foil (Diamond)                                    | 50 no           |  |
| 92.  | Cotton Roll (Large)  | 50 no           |  |
| 93.  | Stapler  | 4 no            |  |
| 94.  | Glass Syrup Bottle With Cap( 120ml)                        | 300 no          |  |
| 95.  | Capsule Shell (250mg)                                      | 5 pack (1000 S) |  |
| 96.  | Capsule Shell (500mg)                                      | 5 pack (1000 S) |  |
| 97.  | Plastic Jar (5Ltr)   | 5 piece         |  |
| 98.  | Diethyl Ether  | 5Ltr            |  |
| 99.  | Petroleum Ether  | 2.5Ltr          |  |
| 100. | Petroleum Spirit   | 2.5Ltr          |  |
| 101. | Hydrogen Peroxide  | 1Ltr            |  |
| 102. | Glacial Acetic   | 5Ltr            |  |
| 103. | Solvent Ether  | 2.5Ltr          |  |
| 104. | Bromine Water  | 2.5Ltr          |  |
| 105. | Formaldehyde Solution                                      | 2.5Ltr          |  |
| 106. | Cod liver Oil  | 500g            |  |
| 107. | Cinnamon Oil   | 500g            |  |
| 108. | Picric Acid  | 1kg             |  |
| 109. | Sodium Carbonate   | 1kg             |  |
| 110. | Benzidine HY   | 500g            |  |
| 111. | Sodium Bicarbonate   | 2 kg            |  |
| 112. | Mercuric Chloride  | 500g            |  |
| 113. | Sodium Hydroxide   | 1kg             |  |
| 114. | Choral Hydrate   | 500g            |  |
| 115. | Gelatin  | 1kg             |  |
| 116. | Agar Powder  | 1kg             |  |
| 117. | Urine Testing Strips (Uri Test)                            | 10 Pack         |  |
| 118. | Glucometer Strips  | 10 Pack         |  |
| 119. | Glucometer   | 5no             |  |
| 120. | Creatinine Kit   | 5no             |  |
| 121. | Urea Kit   | 5no             |  |
| 122. | Total Cholesterol Detection Kit                            | 5no             |  |
| 123. | ESR Tubes  | 30no            |  |
| 124. | ESR Solution   | 2.5 Ltr         |  |
| 125. | Test Tubes (Small 10cc)                                    | 500no           |  |
| 126. | Syringes (3cc, 5cc, 10cc)                                  | 4 Box(each)     |  |
| 127. | pH Paper   | 10no            |  |
| 128. | Micro Pipette Tips (10l,100Ul, 1000Ul) White, Yellow, Blue | 2pack (each)    |  |
| 129. | Digital Weight Balance (Electrical Balance) upto 0.000g    | 7no             |  |
| 130. | ESR Stand  | 30no            |  |
| 131. | Pricking Needles   | 12no            |  |
| 132. | GPT (ALAT)FCC Mod Kit                                      | 10no            |  |
| 133. | Litmus Paper   | 5no             |  |
| 134. | Sodium Citrate   | 5no             |  |
| 135. | Methylene Blue   | 50gm            |  |
| 136. | Crystal violet   | 25gm*80\=2kg    |  |
| 137. | Malachite Green  | 25gm*80\=2kg    |  |
| 138. | Safranin   | 25gm*80\=2kg    |  |
| 139. | Blood Agar   | 500gm*5=2.5kg   |  |
| 140. | Hydrochloric Acid  | 500MI*5=2.5Ltr  |  |
| 141. | Carbol Fuchsin   | 500MI*5=2.5Ltr  |  |
| 142. | Copper Sulphate  | 1kg*2=2kg       |  |

|      |                                 |                 |  |
|------|---------------------------------|-----------------|--|
| 143. | Lesion                          | 25gm*60=1.5kg   |  |
| 144. | Ammonium Sulphate               | 1kg*25=5kg      |  |
| 145. | Nutrient Agar                   | 500kg*8=4kg     |  |
| 146. | Nutrient Broth                  | 500kg*8=4kg     |  |
| 147. | Decolorize Solution             | 5Ltr            |  |
| 148. | Yeast                           | 200gm*12=1.2Ltr |  |
| 149. | Nigrosine ink                   | 25gm*10=250gm   |  |
| 150. | Hydrogen Peroxide               | 2.5Ltr          |  |
| 151. | Blood Agar Plates               | 500gm*2=1kg     |  |
| 152. | Bile esculin Agar               | 500gm*2=1kg     |  |
| 153. | Sulfur Iodide Motility media    | 100gm*10=1kg    |  |
| 154. | Manitol Salt Agar               | 500gm*2=1kg     |  |
| 155. | Cytochrome Oxidase enzyme       | 250gm*4=1kg     |  |
| 156. | Coagulase enzyme (Test Tube)    | 1 set*10=10 set |  |
| 157. | Mac Conkey Agar                 | 250gm*4=1kg     |  |
| 158. | Simmon's citrate Agar           | 500gm*2=1kg     |  |
| 159. | amylase enzyme                  | 50MI*10=500MI   |  |
| 160. | Oligo-1-6 glucosidase           | 25mg*25=625mg   |  |
| 161. | Potassium Ferricyanide          | 500gm*2=1kg     |  |
| 162. | Urease enzyme                   | 5gm*10=50gm     |  |
| 163. | Reasazurin Dye                  | 25gm*2=50gm     |  |
| 164. | Panadol Tablets                 | 2 box           |  |
| 165. | Calpol Tablets                  | 1 box           |  |
| 166. | Dichloromethane (DCM) C.G       | 200 Ltr         |  |
| 167. | Methanol (Commercial Grade)     | 200 Ltr         |  |
| 168. | Ethanol (Commercial Grade)      | 200 Ltr         |  |
| 169. | Chloroform (Commercial Grade)   | 200 Ltr         |  |
| 170. | Slica Jel for TLC-(.063-.200mm) | 5 kg            |  |

|     |  |               |  |
|-----|--|---------------|--|
| 1.  | Microscope                             | 5 no          |  |
| 2.  | TLC Glass Jars                         | 20 no         |  |
| 3.  | TLC Plates                             | 20 no         |  |
| 4.  | Digital Water Bath                     | 5 no          |  |
| 5.  | Microscope (Semi-automatic)            | 5 no          |  |
| 6.  | Digital Common Fitted microscope       | 5 no          |  |
| 7.  | Digital Thermometer                    | 5 no          |  |
| 8.  | Dustbin Large                          | 10 no         |  |
| 9.  | Dustbin Extra Large                    | 5 no          |  |
| 10. | Disposable Bags For Dustbin            | 5 kg          |  |
| 11. | Stapler                                | 5 no          |  |
| 12. | Stapler Pin                            | 15 box        |  |
| 13. | Fire Lighter                           | 10 no         |  |
| 14. | Tissue Roll                            | 32 no         |  |
| 15. | Duster cloth(1.5*2.5')                 | 50 no         |  |
| 16. | Soap For Hand wash                     | 24 no         |  |
| 17. | Dish Wash Liquid                       | 10 no (500ml) |  |
| 18. | Scotch Bright                          | 6 no          |  |
| 19. | Inoculating Loop                       | 48 P          |  |
| 20. | ELISA Plates                           | 20 no         |  |
| 21. | Small Measuring Scale (Electric)       | 5 no          |  |
| 22. | Lemon Max Soap                         | 20 no         |  |
| 23. | Weight Scale Cell pencil               | 50 no         |  |
| 24. | Transparent paper Glue<br>Liquid Large | 2 no          |  |

|     |                                  |         |  |
|-----|----------------------------------|---------|--|
| 1.  | Beaker 100ml                     | 100 no  |  |
| 2.  | Beaker 250ml                     | 200 no  |  |
| 3.  | Beaker 500ml                     | 50 no   |  |
| 4.  | Beaker 1000ml                    | 50 no   |  |
| 5.  | Beaker 2000ml                    | 30 no   |  |
| 6.  | Beaker 5000ml                    | 20 no   |  |
| 7.  | Falcon Tube 50ml                 | 5 pack  |  |
| 8.  | Falcon Tube 15ml                 | 5 pack  |  |
| 9.  | Measuring Cylinder 10ml          | 100 no  |  |
| 10. | Measuring Cylinder 25ml          | 50 no   |  |
| 11. | Measuring Cylinder 50ml          | 30 no   |  |
| 12. | Measuring Cylinder 100ml         | 40 no   |  |
| 13. | Eppendrof Tube 1.5ml             | 5 pack  |  |
| 14. | Glass Slides                     | 50 pack |  |
| 15. | Glass Covers (For Slides)        | 50 pack |  |
| 16. | Glass Funnel 4"                  | 50 pack |  |
| 17. | Test Tube 20ml                   | 3000 no |  |
| 18. | Pestle & Mortar 5"               | 20 no   |  |
| 19. | Still head Adopter (19/26)       | 10 no   |  |
| 20. | Round Bottom Flask 500ml (19/26) | 10 no   |  |
| 21. | Round Bottom Flask 250ml(19/26)  | 10 no   |  |
| 22. | Condenser (19/26)                | 10 no   |  |
| 23. | Recieving Adopter (19/26)        | 10 no   |  |
| 24. | Magnetic Stirrer Bar 0.5"        | 30 no   |  |
| 25. | Magnetic Stirrer Bar 1"          | 30 no   |  |

|     |   |            |  |
|-----|---|------------|--|
| 26. | Magnetic Stirrer Bar 1.5"   | 20 no      |  |
| 27. | Capillary Tube  | 40 pack    |  |
| 28. | Filter Paper ( )  | 20 Rim     |  |
| 29. | Quartz UV. Cell   | 5 no       |  |
| 30. | Adjustable Micro-pipette<br>Rang-1(20 to200)<br>Rang-2(200 to 1000) | 5no (each) |  |

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

**Terms & Conditions**

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from Foreign.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Must be mentioned Catalogue No
8. Authorization certification form relevant supplier/Manufacturer
7. Key Person Contact No.062-9255565

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

**Attachments:**

Earnest Money draft (Yes/No)  
Affidavit for non black listing (Yes/No)  
Bid Validity (Yes/No)  
Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.

Technical Specification offered by the firm required  
letter head of the firm duly signed & stamped by  
Vender Of Tender A

### **Hand micro-applicator**

- **Product Description**

Five different drop sizes may be selected by sliding a single selector control knob. Depressing the control knob permits free rotation of the main drum. Drop sizes range from 0.25 microlitres when fitted with all-glass syringes.

- **Construction and Equipment Details**

The Applicator is constructed from non-ferrous materials with all components either hard anodized or electro-plated in satin chrome finish. Drop sizes normally available are 0.25, 0.5, 1,2 and 5 microlires and selection is quick and simple.

Ten times the volumes shown can be obtained by the use of 10 ml all glass syringes

#### **Hand microapplicator**

The BURKARD all-glass syringe is clamped or released by turning a single knurled screw and he 10 ml syringes are supplied complete with adapter for mounting direct into the cover tube.

The mounting of the applicator enables it to be clamped in any position during use.

The following equipment is supplied as standard:

One BURKARD all-glass syringe.

Two hypodermic needles.

Extra equipment: 10 ml all-glass syringe complete with stainless steel mounting sleeve.

# Technical Specification offered by the firm required letter head of the firm duly signed & stamped by Vender Of Tender B

## Liquid Nitrogen Container:

**Capacity**= 10.5 L.

**Material:** Aluminum Alloy.

**Empty Weight**= 7 kg.

**Full Weight**= 15.08 kg.

**Mouth Diameter** (mm): 50(1.97 inch).

**Outer Diameter:** 304 mm (11.97 inch).

**Vessel Height:** 550 mm (21.65 inch).

**Static Evaporation Loss Mass**= 0.106 L/d.

**Static Holding Time** ≥ 105 d.

**Number of canister:** 6 pcs.

**Minimum Diameter of each canister:** 12cm (4.7 Inch).

**Minimum Height of each canister:** 27.5cm (10.83 inch).

## Ice boxes for PCR and Eppendorf tubes packs of 2:

For cooling heat-sensitive samples on the lab bench.

Suitable for 0.2 ml PCR vessels and 1.5/2ml Eppendorf tubes, **Pack 1** for 0.2 ml PCR tubes. No. of slots 96 in case of pack 1. Arrangement of slots 8 x 12 for PCR tubes. **Pack 2** for 1.5 or 2 ml Eppendorf tubes. No of slots 48 in case of pack 2. Arrangement of slots 4 x 12 for 1.5 or 2 ml Eppendorf tubes. **Rack color changes** from approx. 7 °C. **Recommended storage temperature:** -20 °C. Slot Ø 6 mm. **Temperature constancy** 4-7 °C (3 h). **Length** 141 mm. **Width** 99 mm. **Height** 44 mm.

## Single channel pipettes:

Fully autoclavable. (121°C for 20 minutes), Enhanced UV resistance, Hyper blower system, Longer second-push stroke, improves Dispensing efficiency. (2ul, 10ul).

### 01:

Volume Range = 0.5 to 10µl

Accuracy % = ±4.0 to 0.5

Coeff. Variation % = ±2.8 to 0.4

### 02:

Volume Range = 10 to 100µl

Accuracy % = ±1.6 to 0.8

Coeff. Variation % = ±0.8 to 0.2

### 03:

Volume Range = 20 to 200µl

Accuracy % = ±1.2 to 0.6

Coeff. Variation % = ±0.6 to 0.2

### 04:

Volume Range = 100 to 1000µl

Accuracy % = ±1.6 to 0.6

Coeff. Variation % = ±0.4 to 0.15

### 05:

Volume Range = 1 to 5ml

Accuracy % = ±0.6 to 0.5

Coeff. Variation % = ±0.25 to 0.15

## Mini Centrifuge Machine:

**Frequency:** 50/60 Hz

**Voltage** 110 to 240V

**Capacity:** 6x2mL

**Max. Speed:** 6,000 rpm /RCF 2,000 x g

**Noise Level:** ≤45dB

**Temperature Range:** Ambient temperature

**Dimensions** (HWD): 4.1 x 5.0 x 6.0 in. (10.4 x 12.8 x 15.3 cm). **Net Weight:** 1.6 lb. (0.74 kg)

**Certifications/Compliance:** CSA, CE, UL

### Includes:

6 x 1 .5/2.0mL tube rotor, 16 x 0.2mL tube rotor, (singles strip), 6 tube adapters 0.2mL, 6 tube adapters 0.5mL, Storage case for rotors and adapters, Tube rack, **universal power adapter**, 110-240V, 50/60 Hz, with 4 interchangeable plug type, **Electrical Requirements:** 110-240 V, 50/60 Hz with 4 interchangeable plug adapters

**Handheld Homogenizer:**

**Specifications:** For General homogenization applications (dispersion and emulsification). Homogenizing of tumour tissue sample, for research of diverse tissue diseases. Fast dissolving of pills, sugar-coated tablets for quality control purposes. Sample preparation for subsequent extraction of pharmaceutical agents. Cell disruption, RNA / DNA isolation from tissue. Dispersion of small quantities from plants, animals or human tissue. Solving of solid materials.

Autoclavable 316 L stainless steel **shafts**.

**Speed Range:** 8000-30000rpm

**Speed Control Dial knob:** 6 stages

**Max. Viscosity:** 5,000mPas

**Working head @Smm/L9Qmm(0.1-50mL) A10mm/ L150mm (1-250mL).**

**Elisa Reader**

**Detector Type:** Photo detector, **Light Source:** Quartz-halogen lamp, **Reading Options:** 96 Well Plate; 384 Well Plate, **Read-out Range:** 0 to 6Abs, **Software Type:** SkanIt Software, **Plate Type:** 96-well plates, **Wavelength Selection:** Filters, **Wavelength Range:** 340 to 850nm

**Filters:** 8-position filter wheel; **filters installed:** 405nm, 450nm, and 620nm,

**Linearity:** 0-3 Abs, x2o/o at 405nm, 96-well plate, **Resolution:** 0.001 Abs,

**Accuracy:** ± 1%(0-3 Abs) or t 0.003 Abs, whichever is greater at 405nm,

**Precision:** CV s 0.2o/o (0.3-3 Abs) at 405nm

**Incubator Temperature:** Up to 50°C Shaking Linear

**Depth (Metric):** 40cm, **Depth (English):** 15.7 in.

**Measurement Speed:** 7 seconds, 96-well plate, fast mode; 13 seconds, 96-well plate, normal mode

**Interface:** User: On-board or PC control

**Binocular Stereo Microscope**

Stereomicroscope binocular heads 360° rotating and 45° inclined, eye piece (10x), interpupillary distance 55-75 mm, diopter adjustment, **Eyepiece** WF10x/20 mm, **Objective:** Turret objective (2x and 4x), **Magnification:** 20x and 40x, **working distance:** 57 mm, **Base Illumination** operated on 220 Volts, with incident and transmitted LED light, With LED light intensity adjustment. Complete with all standard accessories.

**Trans-Blot SD Semi-Dry Electrophoretic Transfer Cell**

**Specifications:** Trans-Blot SD body Molded polycarbonate, **anode plate electrodes:** Platinum-coated titanium and stainless-steel **cathode plate electrodes,** Anode platform Precision machined acrylic. **Dimensions (W x L x H),** cm. 37 x 24 x 11. **Weight,** kg/lb. 3.6/7.9.

**Gel size (W x L),** cm. 24 x 16. **Buffer requirement,** ml. 200. **Gel capacity:** 4 Mini-PROTEAN® precast or handcast gels, 3 Criterion™ gels, 1-3 PROTEAN® II gel sandwiches.

**Includes:** Power supply. PowerPac™ HC (High Current) 165-4761 Model 200/2.0 Constant Voltage Power Supply, 100/120 V, 50/60 Hz

**Hettich Angle rotor 30-place for Benchtop centrifuge**

**Specifications:** Angle rotor 30-place to fit in Benchtop centrifuge **ROTINA 380 R,** Angle rotor for 30 x 0.4 - 2.0 ml tubes, **Angle:** 45°, **RPM max.:** 15,000 min<sup>-1</sup>, **RCF max.:** 24,400

**Includes:** UPS Homage 2000 watt

Technical Specification offered by the firm required  
letter head of the firm duly signed & stamped by  
Vender Of Tender C

**Autoclave and Accessories for tendering**

Digital microprocessor controlled with operation modes: Solid mode: Heating-Sterilizing-Exhausting and air cooling. Cooling fan. Capacity: 85Liters or more. Chamber material: SUS304. Rated power supply: 220V/50Hz. Sterilization temperature: 105—138°C. Range of sterilization time: 1—300minutes. Exhausting mode: Fully automatic internal discharging. Embedded with a steam trapping bottle Way of opening lid: Flip type. Preset range of timer: 0 minute-6 days delayed. Preset range of timer: 0-0.6MPa. Rated working pressure: 0.27 MPa. Preset temperature of presettable chamber lid opening: Preset range of steam 73—104°C. exhausting temperature: Preset range of cooling 40-99°C for solid and agar modes and 40-80°C for liquid and waste lock OPEN temperature: modes **Accessories:** drainage hose, water plate, exhaust bottle, Two stainless steel baskets Controller: fast-speed microcomputer intelligent control system Safety device: “eight-column evenly distributed” inter locking device, electric double inner locks, over pressure protection, safety valve, over temperature protection, over current and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting. **Water distillation** with 4L/hr Capacity or more, Water pH: 5.0 – 6.5, Conductivity  $\mu\text{S/cm}$ : <2.5, Resistively mega ohm-cm: 0.4, Two silica Heater unit with Wattage 1.5kw each, 13 amps. Fuse, 220/240 VAC, 50/60 Hz., Minimum supply pressure: 5 Psi. **Laptop:** Processor: Core i7 11th generation, Storage: 512GB SSD, Ram: 16GB DDR4 Display: 15.6” FHD 400nits, Integrated HD 720p webcam with dual-microphone array, Wireless: WIFI & Bluetooth, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 1.4b; 1 headphone/microphone combo; 1 AC power; 1 RJ-45 including accessories & bag ENERGY STAR Qualified Configuration, Dual stereo speakers, dual array microphone, Metallic surface and finish, warranty 1 year. **Pipettes set:** 0.1-2ul, 0.5-10ul, 10-100ul, 100-1000ul, 500-5000ul.

Technical Specification offered by the firm required  
letter head of the firm duly signed & stamped by  
Vender Of Tender D

|                                   |
|-----------------------------------|
| Acetone                           |
| Aspirin                           |
| Anthrone                          |
| Aniline                           |
| Aceto phenone                     |
| Acetyl Chloride                   |
| Benzyl                            |
| Benzyl Chloride                   |
| Citric Acid                       |
| Chloroform A.R Grade              |
| Dichloromethane A.R               |
| Di-ethylamine                     |
| Di-methylallene                   |
| Ether                             |
| Iodine                            |
| Isoamyl Alcohol                   |
| Orcinol                           |
| Pot. Iodide                       |
| Paraffin Oil                      |
| Pyridine                          |
| Sod. Sulfite                      |
| Vanillin                          |
| Hydrochloric Acid                 |
| Sulphuric Acid                    |
| Acetic Acid                       |
| Nitric Acid                       |
| Salicyladehyde                    |
| Cinnamaldehyde                    |
| Benzaldehyde                      |
| Benzophenone                      |
| Formaline                         |
| Benzoin                           |
| Cyclo hexanone                    |
| Atropine Sulphate                 |
| Acetyl Salicylic Acid             |
| Ammonium Chloride                 |
| Bees Wax (Yellow)                 |
| Borax Powder (Sodium Tatraborate) |
| Calcium Carbonate                 |
| Cetyl Alcohol                     |
| Dextrose                          |
| Gum Tragacanth                    |
| Heavy kaolin                      |
| Iron Sulphate                     |
| Magnesium Carbonate               |
| Magnesium Tri silicate            |
| Naphthalene                       |
| Potassium Iodide                  |

|                                     |
|-------------------------------------|
| Potassium Nitrate                   |
| Starch                              |
| Salicylic Acid                      |
| Tartaric Acid                       |
| Tannic Acid                         |
| Lemon Oil                           |
| Peppermint oil                      |
| Olive Pomace Oil                    |
| N-Butanol                           |
| Eucalyptus Oil                      |
| Wool Alcohol                        |
| Turpentine Oil                      |
| Glycerin (A.R)                      |
| Petroleum Jelly                     |
| Sugar                               |
| Tween-80                            |
| Tween-60                            |
| Tween-40                            |
| Span-80                             |
| Span-60                             |
| Span-40                             |
| Stearic Acid                        |
| Triple Pressed                      |
| Cetyl Alcohol                       |
| Amaranth Color (Red)                |
| Methyl Cellulose                    |
| Oxalic Acid                         |
| Opadry Blue                         |
| Opadry Red                          |
| Ferric Nitrate                      |
| Poly vinly Alcohol                  |
| Sorbital (80)                       |
| Zinc Oxide                          |
| Loctose                             |
| Talc Powder                         |
| Calcium lactate                     |
| Ammonia Solution                    |
| Carbon Tetrachloride                |
| Castor oil                          |
| Raspberry oil                       |
| Small Plastic Jarr (100ml)          |
| Syrup Plastic Bottles (60ml)        |
| Aluminum Foil (Diamond)             |
| Cotton Roll (Large)                 |
| Stapler                             |
| Glass Syrup Bottle With Cap( 120ml) |
| Capsule Shell (250mg)               |
| Capsule Shell (500mg)               |
| Plastic Jar (5Ltr)                  |
| Diethyl Ether                       |
| Petroleum Ether                     |
| Petroleum Spirit                    |
| Hydrogen Peroxide                   |
| Glacial Acetic                      |
| Solvent Ether                       |

|  |
|--|
| Bromine Water  |
| Formaldehyde Solution                                      |
| Cod liver Oil  |
| Cinnamon Oil   |
| Picric Acid  |
| Sodium Carbonate   |
| Benzidine HY   |
| Sodium Bicarbonate   |
| Mercuric Chloride  |
| Sodium Hydroxide   |
| Choral Hydrate   |
| Gelatin  |
| Agar Powder  |
| Urine Testing Strips (Uri Test)                            |
| Glucometer Strips  |
| Glucometer   |
| Creatinine Kit   |
| Urea Kit   |
| Total Cholesterol Detection Kit                            |
| ESR Tubes  |
| ESR Solution   |
| Test Tubes (Small 10cc)                                    |
| Syringes (3cc, 5cc, 10cc)                                  |
| pH Paper   |
| Micro Pipette Tips (10l,100UI, 1000UI) White, Yellow, Blue |
| Digital Weight Balance (Electrical Balance) upto 0.000g    |
| ESR Stand  |
| Pricking Needles   |
| GPT (ALAT)FCC Mod Kit                                      |
| Litmus Paper   |
| Sodium Citrate   |
| Methylene Blue   |
| Crystal violet   |
| Malachite Green  |
| Safranin   |
| Blood Agar   |
| Hydrochloric Acid  |
| Carbol Fuchsin   |
| Copper Sulphate  |
| Lesion   |
| Ammonium Sulphate  |
| Nutrient Agar  |
| Nutrient Broth   |
| Decolorize Solution  |
| Yeast  |
| Nigrosine ink  |
| Hydrogen Peroxide  |
| Blood Agar Plates  |
| Bile esculin Agar  |
| Sulfur Iodide Motility media                               |
| Manitol Salt Agar  |
| Cytochrome Oxidase enzyme                                  |
| Coagulase enzyme (Test Tube)                               |

|                                 |
|---------------------------------|
| Mac Conkey Agar                 |
| Simmon's citrate Agar           |
| amylase enzyme                  |
| Oligo-1-6 glucosidase           |
| Potassium Ferricyanide          |
| Urease enzyme                   |
| Reasazurin Dye                  |
| Panadol Tablets                 |
| Calpol Tablets                  |
| Dichloromethane (DCM) C.G       |
| Methanol (Commercial Grade)     |
| Ethanol (Commercial Grade)      |
| Chloroform (Commercial Grade)   |
| Slica Jel for TLC-(.063-.200mm) |

|  |
|--|
| Microscope                             |
| TLC Glass Jars                         |
| TLC Plates                             |
| Digital Water Bath                     |
| Microscope (Semi-automatic)            |
| Digital Common Fitted microscope       |
| Digital Thermometer                    |
| Dustbin Large                          |
| Dustbin Extra Large                    |
| Disposable Bags For Dustbin            |
| Stapler                                |
| Stapler Pin                            |
| Fire Lighter                           |
| Tissue Roll                            |
| Duster cloth(1.5*2.5')                 |
| Soap For Hand wash                     |
| Dish Wash Liquid                       |
| Scotch Bright                          |
| Inoculating Loop                       |
| ELISA Plates                           |
| Small Measuring Scale (Electric)       |
| Lemon Max Soap                         |
| Weight Scale Cell pencil               |
| Transparent paper Glue<br>Liquid Large |

|                          |
|--------------------------|
| Beaker 100ml             |
| Beaker 250ml             |
| Beaker 500ml             |
| Beaker 1000ml            |
| Beaker 2000ml            |
| Beaker 5000ml            |
| Falcon Tube 50ml         |
| Falcon Tube 15ml         |
| Measuring Cylinder 10ml  |
| Measuring Cylinder 25ml  |
| Measuring Cylinder 50ml  |
| Measuring Cylinder 100ml |
| Eppendorf Tube 1.5ml     |

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|---|
| Glass Slides  |
| Glass Covers (For Slides)   |
| Glass Funnel 4"   |
| Test Tube 20ml  |
| Pestle & Mortar 5"  |
| Still head Adopter (19/26)  |
| Round Bottom Flask 500ml (19/26)                                    |
| Round Bottom Flask 250ml(19/26)                                     |
| Condenser (19/26)   |
| Receiving Adopter (19/26)   |
| Magnetic Stirrer Bar 0.5"   |
| Magnetic Stirrer Bar 1"   |
| Magnetic Stirrer Bar 1.5"   |
| Capillary Tube  |
| Filter Paper ( )  |
| Quartz UV. Cell   |
| Adjustable Micro-pipette<br>Rang-1(20 to200)<br>Rang-2(200 to 1000) |